

## **ABSTRACT OF THE DISCLOSURE**

An improved gas scrubber is provided. The gas scrubber includes a combustion chamber and a wetting chamber. Between the combustion chamber and the wetting chamber is a mechanism or means that substantially prevents formation of particulate matter, or powder, between the two chambers. The combustion chamber serves to eliminate explosive and flammable elements contained in an incoming gas. Those elements are eliminated by burning the incoming gas. The wetting chamber may be placed below the combustion chamber to eliminate a water soluble element of the gas which is not burned in the combustion chamber by dissolving those elements in water. The mechanism or means placed between the two chambers helps eliminate the powder produced due to the temperature difference between the combustion chamber and the wetting chamber at the interface between the two chambers.